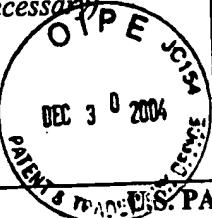
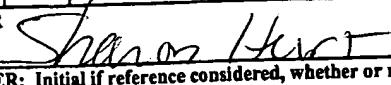
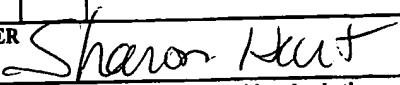


Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (REV. 7-80) PATENT AND TRADEMARK OFFICE			Atty. Docket No. (Optional)		Application Number		
LIST OF PRIOR ART CITED BY APPLICANT			15634 (PC25246A)		10/647,919		
(Use several sheets if necessary)							
 Applicant(s) Paul J. Dominowski, et al. Filing Date August 26, 2003 Group Art Unit 1614							
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (if appropriate)
	AA	3,634,587	1/11/72	Ament et al.			
	AB	5,733,555	3/31/98	Chu			
	AC	6,291,228 B1	9/18/01	Howard et al.			
U.S. PATENT APPLICATION PUBLICATIONS							
EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (if appropriate)
	AA						
	AB						
	AC						
FOREIGN PATENT DOCUMENTS							
REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	0 661 059 B1	7/5/95	Europe			✓	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
		Coggins L. et al., "Attenuation of Virus Diarrhea Virus (Strain Oregon C24V) for Vaccine Purposes", <i>Veterinary Virus Research Institute</i> 539-545 (1961)					
		Kolar J.R. et al., "Use in Cattle of Formalin-Killed Polyvalent Vaccine with Adjuvant Against Infectious Bovine Rhinotracheitis, Bovine Viral Diarrhea, and Parainfluenza-3 Viruses", <i>Am. J. Vet. Res.</i> 33(7):1415-1420 (1972)					
EXAMINER			DATE CONSIDERED	April 20, 2006			
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					
		Fernelius A.L. et al., "Evaluation of β-Propiolactone-Inactivated-and Chloroform-Treated-Virus Vaccines Against Bovine Viral Diarrhea-Mucosal Disease", <i>Am. J. Vet. Res.</i> 33(7):1421-1431 (1972)			
		Phillips R.M. et al., "Evaluation of a Bovine Viral Diarrhea Vaccine Produced in a Porcine Kidney Cell Line", <i>Am. J. Vet. Res.</i> 36(2):135-140 (1975)			
		McClurkin A.W. et al., "Selected Isolates of Bovine Viral Diarrhea (BVD) Virus Propagated on Bovine Turbinate Cells: Virus Titer and Soluble Antigen Production as Factors in Immunogenicity of Killed BVD Virus", <i>Archives of Virology</i> 58:119-125 (1978)			
		Lobmann M. et al., "Clinical Evaluation of a Temperature-Sensitive Bovine Viral Diarrhea Vaccine Strain", <i>Am. J. Vet. Res.</i> 45(12):2498-2503 (1984)			
		Lobmann M. et al., "Safety of a Temperature-Sensitive Vaccine Strain of Bovine Viral Diarrhea Virus in Pregnant Cows", <i>Am. J. Vet. Res.</i> 47(3):557-560 (1986)			
		Donis R.O. et al., "Differences in Virus-Induced Polypeptides in Cells Infected by Cytopathic and Noncytopathic Biotypes of Bovine Virus Diarrhea-Mucosal Disease Virus", <i>Virology</i> 158:168-173 (1987)			
		Talens L.T. et al., "Efficacy of Viral Components of a Nonabortigenic Combination Vaccine for Prevention of Respiratory and Reproductive System Diseases in Cattle", <i>JAVMA</i> 194(9):1273-1280 (1989)			
		Corapi W.V. et al., "Characterization of a Panel of Monoclonal Antibodies and Their Use in the Study of the Antigenic Diversity of Bovine Viral Diarrhea Virus", <i>Am. J. Vet. Res.</i> 51(9):1388-1394 (1990)			
EXAMINER 		DATE CONSIDERED 4-20-06			
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
<i>SN</i>		Howard C.J. et al., "Immunity of Bovine Virus Diarrhoea Virus in Calves: The Role of Different T-Cell Subpopulations Analysed by Specific Depletion In Vivo with Monoclonal Antibodies", <i>Veterinary Immunology and Immunopathology</i> 32:303-314 (1992)	
<i>SN</i>		Larsson B. et al., "Bovine Virus Diarrhoea Virus Induces In Vitro a Proliferative Response of Peripheral Blood Mononuclear Cells from Cattle Immunized by Infection", <i>Veterinary Microbiology</i> 31:317-325 (1992)	
<i>SN</i>		Baker J.C. et al., "Bovine Viral Diarrhea Virus", <i>The Veterinary Clinics of North America-Food Animal Practice</i> 11(3):615-625 (1995)	
<i>SN</i>		Fulton R.W. et al., "Antibody Responses by Cattle after Vaccination with Commercial Viral Vaccines Containing Bovine Herpesvirus-1, Bovine Viral Diarrhea Virus, Parainfluenza-3 Virus, and Bovine Respiratory Syncytial Virus Immunogens and Subsequent Revaccination at Day 140", <i>Vaccine</i> 13(8):725-733 (1995)	
<i>SN</i>		Cortese V.S. et al., "BVD Virus Transmission Following Attenuated Vaccines to BVDV Seronegative Cattle", <i>Large Animal Practice</i> 18(5):18-24 (1997)	
<i>SN</i>		Lambot M. et al., "Characterization of the Immune Response of Cattle Against Non-Cytopathic and Cytopathic Biotypes of Bovine Viral Diarrhoea Virus", <i>Journal of General Virology</i> 78:1041-1047 (1997)	
<i>SN</i>		Beer M. et al., "Cytotoxic T-Lymphocyte Responses in Cattle Infected with Bovine Viral Diarrhea Virus", <i>Veterinary Microbiology</i> 58:9-22 (1997)	
<i>SN</i>		Flores E.F. et al., "Clinical, Pathological and Antigenic Aspects of Bovine Viral Diarrhea Virus (BVDV) Type 2 Isolates Identified in Brazil", <i>Veterinary Microbiology</i> 77:175-183 (2000)	
EXAMINER	<i>Sharon Hart</i>	DATE CONSIDERED <i>4-20-06</i>	
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
<i>SH</i>		Beer M. et al., "A New Inactivated BVDV Genotype I and II Vaccine an Immunisation and Challenge Study with BVDV Genotype I", <i>Veterinary Microbiology</i> 77:195-208 (2000)	
<i>SA</i>		Fulton R.W. et al., "Bovine Viral Diarrhea Virus Types 1 and 2 Antibody Response in Calves Receiving Modified Live Virus or Inactivated Vaccines", <i>Vaccine</i> 19(2-3):264-274 (2001)	
<i>SH</i>		"Invest Early in CattleMaster® 4 Vaccine to Get the Highest Rate of Return", <i>Internet Article</i> 1-2 (2002)	
EXAMINER	<i>Sharon Hert</i>	DATE CONSIDERED	<i>4-20-06</i>
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